SecurityMan®

DigiAir-SD
User's Manual

Digital Outdoor Wireless Camera System Kit with PIR motion, 2-way Audio, Night Vision and SD Digital Video Recorder

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(1) this device may not cause harmful interference.
(2) this device must accept any interference received, including interference that may cause undesired operation. Operation of this equipment in a residential area is likely to cause interference in which case the user at his or her own risk and expense will be required to correct the interference.

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Introduction

Thank you for choosing the DigiAir-SD Digital Outdoor Wireless Camera System Kit. DigiAir-SD records and digitizes streaming video on to a standard SD card (up to 32GB capacity). It implements MPEG4 video compression format for smooth recording or JPEG picture recording. DigiAir-SD features 2-way audio communication between camera and receiver, scheduled, manual and motion detect recording with time/date stamp, which makes the DigiAir-SD an ideal choice for your recording needs.

Important

The user manual provides important information in instructing to properly use the product and to avoid possible injuries and damages. Customers are entitled to have read through this complete user's manual before using DigiAir-SD digital wireless camera kit. Please ensure to have a complete understanding of the following restrictions and symbols

Restrictions

Means that if not operated to the manual, it might cause death or serious damages

Means that if not avoided timely, slight wounding or property loss might occur

Messages you need to pay attention to

Messages you should know

Means that you should not do

● **DO NOT** places this product too close to medical equipments.

1. Radio waves might potentially cause breakdown of medical electrical equipments and thus cause incidents.
2. Place the product at least 22cm from the heart pacemaker. Radio wave potentially influences heart pacemaker and thus leads to respiratory disturbance.

● **DO NOT** uses this product to monitor equipments or activities that are relevant to one's privacy. Monitoring one's private activities without consent is illegal and this product is not designed and manufactured for these purposes.

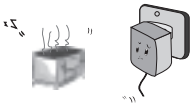
1. Monitoring of equipments or activities concerned directly to people's privacy.
2. Monitoring related to people's antiques or rare articles. For it is not designed and manufactured for these purposes.

● **DO NOT** use this product to carry out any illegal activities such as sneak preview, and etc. SecurityMan shall not be responsible for any consequences of illegal conducts made by users.

● **DO NOT** put the plastic package bags in reach of children or babies.
It might cause asphyxia of children or babies put the bags into their mouths.

● **DO NOT** plug the AC adapter into the outlet in improper situations.
Plucking o plugging AC adapter by wet hand might cause electric shock.
Plugging AC adapter unsteadily might cause fire or electric shock.

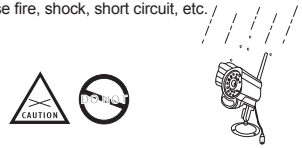
● **DO NOT** cover the AC adapter when it is connected to power socket, place the adapter near heaters, or put it on the floor which is equipped with a heater.
The above mentioned operation might cause fire or incidents.



● **DO NOT** use it aboard, please abide by the airway's provision.
It might influence communication aboard and the flying apparatus if departing from the airway's regulation. This will result in accident, possible death and severe physical hurt.

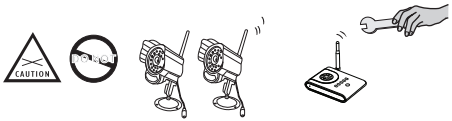
● **DO NOT** put the camera in wet places where water might splash or where rainwater and mist might erode (Except weather-proof series).

It might cause fire, shock, short circuit, etc.



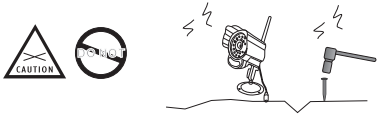
● **DO NOT** disassemble or repair the camera, receiver or other relevant peripheral equipment s by yourselves.

Improper disassembly might cause damages to the product or the peripheral equipment.



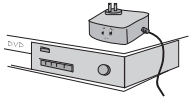
● **DO NOT** put the camera in quaky paces.

The camera may be unstable or out of operation if installed improperly. Such installation may also cause breakdown.



● **DO NOT** use the receiver on the surface of thermo labile material.
Please embed thermal insulating material when using on the surface of the thermo labile

● **DO NOT** place or use the AC adapter on temperature sensitive materials.
The above practice might cause the plastic distortion, fading or sticking on the surface.

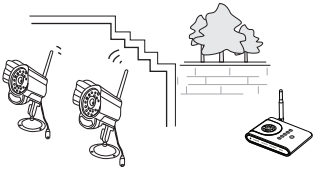


● **DO NOT** touch, shake or hold the antenna.

ouching, shaking or holing the antenna might influence the receiving of electromagnetic wave, and thereby influence the receiving effect.

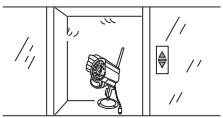
● **DO NOT** use the camera in complex environment, The obstruction of stumbling block will affect the electromagnetic wave and influence the receiving range.

Wall, tree and other stumbling block might absorb, reflect the electromagnetic wave, and influence the receiving range.



● **DO NOT** use the camera in the places which are covered with metal.

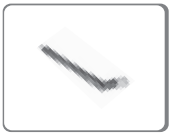
The around metal, such as elevator and cabin, might shield the electromagnetic wave, and result in inability to receive signals.



Accessories

Receiver/Recorder*1

Wireless Camera*1

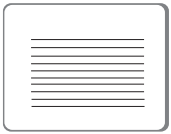


Antenna*2

Adapter*2

AV cable*1

Bracket*1



User's Manual

Screws*3 & accessories

Specification

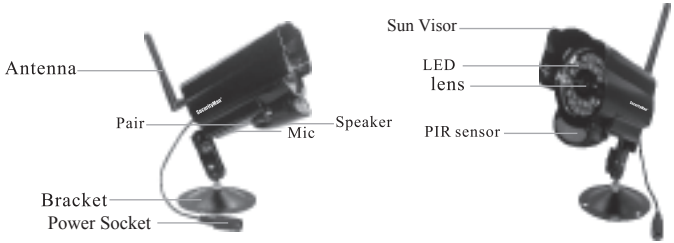
GENERAL	Frequency	18M 2400-2483.5MHz (CH1/CH2/CH3/CH4/Loop)
	Modulation	GFSK
	Antenna	Omni 3dBi
	Transmission Distance	Up to 330ft (100m) clear line of sight; up to 130ft indoor
	Operating Temperature	-10°C to 60°C (14°F to140°F)
	Operating Humidity	20% - 80% RH
RECEIVER SM-60DR)	Video System	NTSC or PAL
	Video Resolution	VGA 640x480, QVGA 330x240/ZOOM
	A/V Output	Composite: 1 V pk-pk, 75ohm
	A/V Input	Up to 4 digital wireless channels
	Video Record Format	M-JPEG AVI
	Photo Format	JPEG
	Recording Frame Rate	11fps (VGA), 30fps (QVGA, ZOOM)
	Video File Size	Approx. 10MB/min
	SD Slot (storage)	1 x SD slot (up to32GB, not included)
	Rx Sensitivity	-81dBm (Typical)
	Record Overwrite	YES/NO
	Record time Display	ON/OFF
	Playback	Normal, fast forward, fast backward, pause
	Detection Sensitivity	Max 5meters (immune to pets up to 10kg)
	Power Supply	AC 100-240V, 12VDC 500mA
	Power Consume	160mA (Max.)
	Dimensions	120x84x23MM
	Net Weight	190g (including adapter)
CAMERA (SM-60DT)	Sensor	1/4" CMOS Color
	Resolution	640x 480 pixels
	View Angle	66°
	Audio	Microphone built-in (monitor up to 20ft)
	Speaker	Built-in (92±3 db)
	Ingress Protection	IP33
	Night Vision Range	Up to 50f / 15 meters (B/W)
	PIR Motion Sensor	Detect up to20ft, 45° (Horizontal) 35° (Vertical)
	Transmit Output Power	100mW
	Power Supply	AC 100 – 240V, 12VDC 500mA
	Power Consumption	270mA (Max.)
	Dimensions	110x75x82MM
	Net Weight	555g (including adapter)

Features

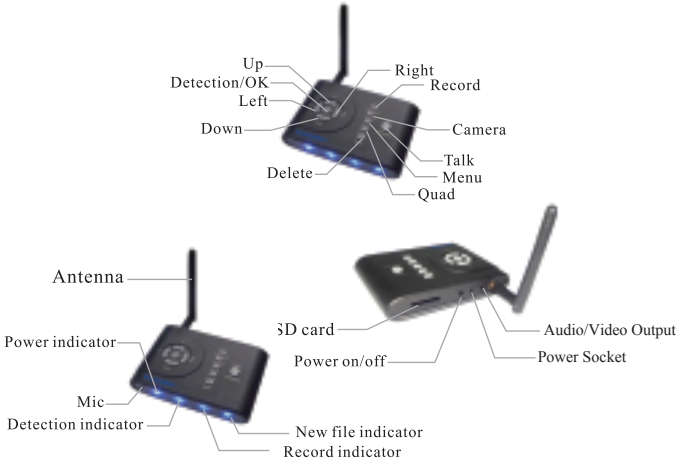
- Do-it-yourself (DIY, easy to setup and use security system
- Weatherproof camera with PIR motion sensor
- 2-way audio communication between camera and receiver
- Wireless transmission up to 130ft with walls in between
- No Wi-Fi interference and interference from crowded analog 900mHz/2.4Ghz/5.8Ghz/6.0GHz devices
- Digital signal, worry free of interception by neighbor with wireless device(s)
- Upgradable by adding 3 more digital wireless cameras (only one active channel for recording) or integrate up to 3 more DigiAir-SD kits (ch2/ch3/ch4)
- Camera features built-in infrared LEDs for night vision up to 50ft (B/W)
- Schedule, manual, or motion detection recording
- Records video clips or photos to a standard SD card (up to 32GB) with time stamp
- Approximately 62 hours of video or 1.157 million photos for a 32GB (not included) of storage
- Overwrites when SD is full
- Toggle between quad live view display, single full or sequential single full screen display

Product Basics

Camera (SM-60DT)



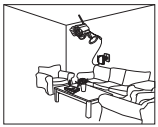
Receiver (SM-60DR) & Buttons Function



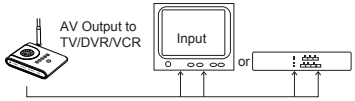
Quick Start

1. Attached the included antenna to the back of the receiver and then find a suitable location for the DigiAir-SD wireless receiver/recorder.

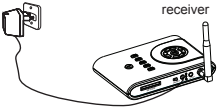
2. Mount the camera in the desired position. Be sure to plug in the power to the camera and attach the supplied antenna to the back of the camera.



3. Connect the AV (audio/video) cable from the AV output of the receiver to a monitor or other recorder for backup purposes. (ie. CCTV monitor, LCD monitor, TV, DVR, recorder, & etc). Turn on the monitor and change the channel on the monitor to AV input (ie. LINE1, LINE2, VIDEO1, VIDEO2, & etc.), as illustrated below.



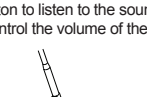
4. Plug one end of the AC adapter to DigiAir-SD receiver (DC in) and the other end into an electrical outlet, as shown below.



5. Insert an SD card (not included) into the SD card slot located on the rear of the receiver and then switch the main power switch to the ON position as illustrated below.

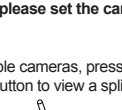
6. A window boot up screen will display as shown below, and then to the main user's interface.

7. Enable the intercom feature by pressing the **Talk** button. Sound is transferred from the receiver to the camera by pressing and holding the **Talk** button and speaking into the **Mic** (located on the front of the receiver); Release the **Talk** button to listen to the sound from the camera as illustrated below. Use the **UP** and **DOWN** buttons to control the volume of the receiver and camera.

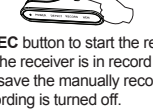


Note: To avoid noise (when using 2-way audio conference) distortion between the digital wireless camera and wireless receiver, please set the camera farther apart from the receiver, about 10~15ft away from one another.

8. In real-time monitoring mode with multiple cameras, press the **Cam** button to manually switch between cameras, or press the **Quad** button to view a split screen of all cameras simultaneously.



9. **Manual recording:** Press the **REC** button to start the recording and the blue **RECORD** indicator LED will light up to indicate the receiver is in record mode. Press the **REC** button again to stop the recording and automatically save the manually recorded file. The blue **RECORD** indicator LED light turns off to indicate the recording is turned off.



Note: Manual recording can only be operable when the live display screen is in Single full screen view, hence, it will not be operable when the display is in QUAD view. This recorder can only record 1 camera at a time, it does not have the ability to record multiple channel or QUAD screen.

10. **Motion detection:** In live view, press the **OK** button to activate motion detection recording, and the motion icon will appear in the center above the main display screen. The motion LED **Detect** indicator light on the receiver will turn solid blue to indicate motion detection mode is active. When motion is detected the receiver will:

a) **In Video Mode,** AVI video recording will start to record and the **RECORD** indicator located in front of the receiver will light up to indicate the receiver is in record mode and the • REC will appear in red at the top center of the screen. The **RECORD** indicator light will turn off after motion finished recording and resume motion video stand-by mode and the **NEW** indicator of the receiver will light up.

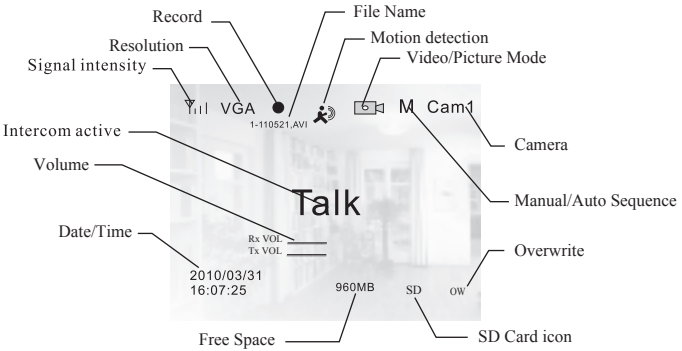
b) **In Picture Mode**, JPG snapshot will start to record and the • REC will appear in red at the top left of the screen. The New indicator of the receiver will light up and resume motion picture stand-by mode.

Tip:
In detection mode, if there are newly recorded video files, the **NEW** indicator of the receiver will light up and remain on. The following two methods will make this LED go out:

(1) Play back the recorded video/image in the menu playback option.
(2) Press the **DEL** button on the receiver (will not delete the file).

User's Interface

Live View Graphic Users Interface (GUI)



Signal Intensity
The Signal Intensity shows the signal strength between the transmitter and the receiver. The more bars, the better the transmission signal image.

Resolution
Select between VGA and QVGA resolution quality to display and record videos and take snapshots. Higher resolution VGA will display and record up to 11 frames per second and the lower resolution QVGA will display and record up to 30 frames per second. The third option is the ZOOM; ZOOM is QVGA resolution which magnifies the image or zooms in.

Record
The **•REC** icon will appear in the top center of the user's interface during video recording. In normal state where the receiver is not in record mode, the **•REC** icon will not show.

File Name
At the same time when the **Record** icon appears to record a video/picture file, **File Name** will at the same time displayed during recording. **File Name** is automatically generated by the system and cannot be alter or change.

Motion Detection
The **Motion Detection** icon is in the shape and form of an eye located on the top center of the user's interface. When motion detection is active or turn ON the **Motion Detection** icon will appear. Normal state the Motion Detection icon will not show. To activate **Motion Detection**, press the OK button.

Video/Picture Mode
The recording feature can be setup in the menu to record **Video** files or record **Picture** files, the selected **Video** or **Picture** icon will display on the user's interface. A **Video** icon indicates that video recording is enabled and a **Camera** icon indicates that picture recording is enabled. Video recording length is optional in the menu setup where picture recording is fixed.

Manual/Auto Sequence
The Manual/Auto Sequence is represented by the letter **M** and the letter **A**. The letter **M** refers to Manual loop, which indicates that the user can manually toggle between camera1 to camera4 by pressing the **CAM** button on the receiver. The letter **A** refers to **Automatic** loop, which indicates that the system will toggle automatically between camera1 – camera4 in sequential order. The sequential dwell time is optional in the menu setup.

Camera
Cam1, Cam2, Cam3, or Cam4 displays depending on the camera is selected to monitor, if **Cam1** needs to be monitor, toggle to **Cam1** using the **CAM** button. Or, simply press the **QUAD** button to view the cameras in a quad split screen, press the **QUAD** button again to exit out of quad screen display.

Date/Time
The **Date/Time** displays the system date and time located at the bottom left corner of the user's interface. **Date/Time** can be setup in the menu option.

Free Space
Free Space is the total space available in the SD memory card for recording. When the recorder is recording, the amount **Free Space** value should decrease accordingly.

SD Card icon

Once the SD card (storage media) is inserted into the **SD slot**, the **SD icon** and **Free Space** (in MB) will appear on the screen as shown in the above illustration. Both the **SD icon** and **Record** symbol will flash on the screen to indicate that the storage media is full. The screen will not display the **SD icon** or **Free Space**, if the SD card is not inserted correctly or cannot be identified by the recorder (support up to 32GB of memory).

Overwrite

When **Overwrite** feature option can be setup in the setup menu, if set to on, an **OW** icon will appear at the bottom right side of the screen to represent that overwrite is on. In normal state the icon will not appear on screen or if **Overwrite** option is set to off in the setup menu.

Volume

Volume by default will not appear in the user's interface screen until the **UP, RIGHT,** and **LEFT, DOWN** buttons is pressed. Once the **UP, RIGHT, LEFT, DOWN** buttons is pressed the volume icon will appear on screen as **Rx** and **Tx** with volume levels right above the **Date/Time** on top of day.

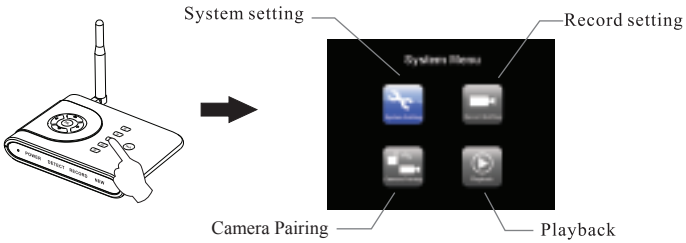
Talk

Talk by default will not appear in the user's interface screen until the **TALK** button is pressed. Once the **TALK** button is pressed the **Talk** will appear on screen right below the **Motion Detection** icon. The word **"Talk"** will appear on the screen whenever the **TALK** button is pressed, indicating that the intercom function is active.

Menu Setup

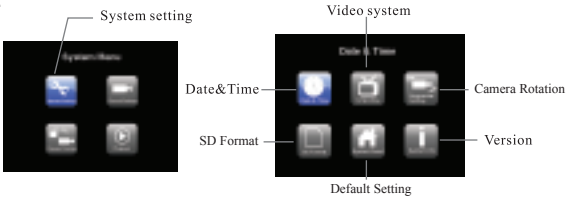
Menu Setup:

Press the **MENU** button to enter the **Menu Setup** window as shown below. Then press the **UP, DOWN, LEFT, RIGHT** buttons to browse through the setup menu. The selected icon will turn dark blue and a descriptive text to the corresponding function will appear on the top of the screen. Press the **OK** button at anytime to select and enter the sub-menu category. Press the **MENU** button once to exit the sub-menu and twice to exit out from the **Menu Setup.**



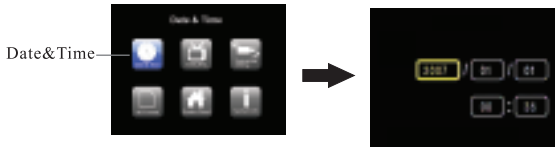
System Setting

From the **Menu Setup** window, select **System Setting** as illustrated below. The **System Setting** consists of **Date/Time, Video System, Camera Rotation, SD Format, Default Setting,** and **Version.**



Date/Time Setting

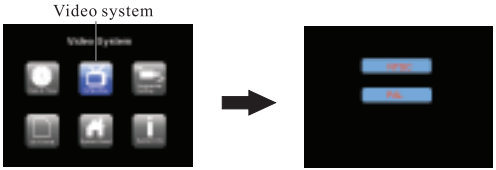
In the **System Setting** highlight and press the **OK** button on **Date/Time** to setup the current date and time as shown below.



Press the **UP** or **DOWN** button to increase or decrease the value and use the **RIGHT/LEFT** buttons to toggle thru the other values. Press the **OK** button to save the settings and return to the **System Setting** screen, or press the **MENU** button to exit without saving.

Video System

In the **System Setting** highlight and press the **OK** button on **Video System** to setup the system's video standard format as shown below.



The **Video System** is set to **NTSC** by default, which is standard for North America. Please check your country video standard or monitor weather they use **NTSC** or **PAL** video standard. In Video System press the **UP** or **DOWN** button to toggle between **NTSC** and **PAL**, press **OK** to save the setting and exit to **System Setting** or press the **MENU** button to exit without saving.

Camera Rotation

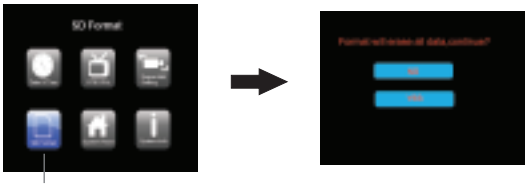
In the **System Setting** highlight and press the **OK** button on the **Camera Rotation** as shown below.

The **Auto Sequence** is use to setup the camera sequential rotation period between cameras. The default **Auto Sequence** is set to **OFF**. To change the value, press the **UP** or **DOWN** buttons to toggle between OFF, 5 sec, 10 sec, 15 sec, 25 sec, or 30 sec. Press **OK** to save and exit out of **Auto Sequence** or press the **MENU** button to exit without changes. If a time value is selected, there will be an **"A"** icon showing on the upper right of the screen to indicate that the **Auto Sequence** is on.

Note: Auto Sequence will still display pitch black image even if the camera is not present when the camera is checked.

SD Format

In the **System Setting** highlight and press the **OK** button on **SD Format** as shown below.

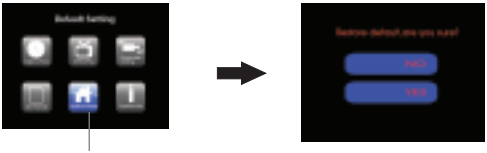


A message stating "**Format will erase all data, continue?**" will appear in red, press the **UP** or **DOWN** buttons to select **YES** or **NO** (default) accordingly to proceed with the SD (Secure Digital) formatting options. If **YES** is selected the entire SD card will be formatted and everything inside will be erase and cannot be retrieve. Highlight **YES** and press **OK** at anytime to proceed with formatting the SD card or press **MENU** to exit without formatting.

NOTE: Please remember to backup all the important data (Video/Picture) first, before attempting to format. ALL DATA WILL BE LOST.

Default Setting

In the **System Setting** highlight and press the **OK** button on **System Reset** as shown below.

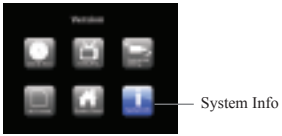


A message "**Restore default, are you sure?**" will appear in red color, press the **UP** or **DOWN** buttons to select **YES** or **NO** (default) to proceed with system restore. If **YES** is selected the recorder will default all the setting back to the original factory default setting, otherwise press the **MENU** at any time to exit out of **Default** without restoring factory default setting.

Note: Please double check and jot down current system setting before running the system Default Setting.

Version

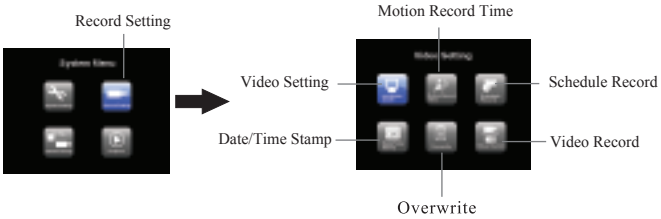
In the **System Setting** highlight and press the **OK** button on **System Info** as shown below.



System Info displays the current version of the software used for both the recorder and the camera(s).

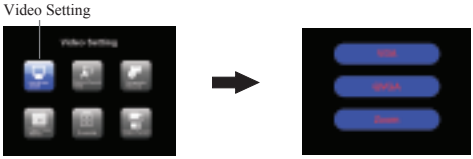
Record Setting

From the **Menu Setup** window, select **Record Setting** as illustrated below. Press the **UP, DOWN, LEFT, RIGHT** buttons to browse through the setup menu. The selected icon will turn blue and a descriptive text to the corresponding function will appear in the top of the screen. Press the **OK** button to confirm selection.



Video Setting

In the **Record Setting** highlight and press the **OK** button on **Video Setting** as shown below.

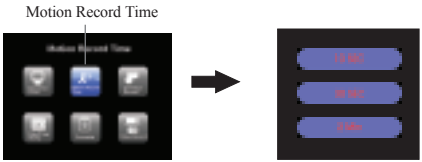


Press the **UP** and **DOWN** button to make a selection between **VGA** (640x480 display resolution, default), **QVGA** (display with 320×240 display resolution) and **ZOOM** (camera(s) image will be zoomed in). Press **OK** to save the setting and exit Video Setting or press the **MENU** button to exit without saving.

Note: VGA resolution recording and live view frame rat is fixed at 11 frame per second. QVGA/ZOOM resolution recording and live view frame rate is fixed at 30 frame per second.

Motion Record Time

In the **Record Setting** highlight and press the **OK** button on **Motion Record Time** or motion detection record time as shown below.



Motion Record Time is the time set for the motion detection recording session; it ranges from 10 Sec (default), 30 Sec and 2 Min. Press **UP** or **DOWN** to make a selection. Press **OK** to save the setting and exit **Motion Record Time** or press the **MENU** button to exit without saving.

Recording session refers to the length of the recording triggered by motion detection. Once trigger, a new file will automatically be generated and end when the **Motion Record Time** set expires. If within the event trigger and then re-triggered, the file will accumulate as one single file, the accumulation can be up to 10 minutes long or about 89MB file size.

Motion recording active in QUAD channel display view:

Any channel(s) that detects motion will automatically become full screen and the recorder will start to record the video or photo for the time frame setup in the menu setting. After motion recording interval ended, the screen will automatically go back to QUAD display view. Please be noted that under QUAD screen display view, only motion detection is operable, Manual recording and Schedule recording will NOT be operable. Change the live display view to single full screen for Manual recording and Schedule recording to function properly.

Note: In QUAD screen live display view; Manual recording and Schedule recording is not operable, please change the live screen display to single full screen for manual recording and Schedule recording. Under QUAD display view; only the OK, QUAD, and MENU buttons operates.

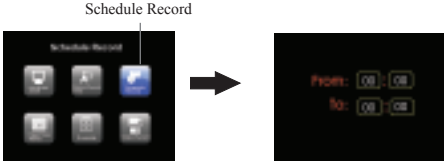
Motion recording active in Single channel display view:

Motion recording only records the channel that is being displayed. For example; for a 4 camera setup and the recorder is displaying channel #1 camera, if motion is detected on channel #1 camera the recorder will record channel #1, however, if channel 2, 3, or 4 detects motion, channel 2, 3, or 4 will NOT be recording because channel #1 is being displayed. In this scenario where there are 4 cameras setup under motion detection recording, it is recommended to change to QUAD channel display view.

Note: CAM button and other buttons may not function in QUAD display view, please press the QUAD button again to pull up single channel display view for other buttons to function normal. Manual recording will override motion recording detection under Single full screen display view.

Schedule Record

In the **Record Setting** highlight and press the **OK** button on **Schedule Record** as shown below.



In **Schedule Record** press the **RIGHT** and **LEFT** buttons to toggle and then press the **UP** and **DOWN** buttons to set the time or value. Press **OK** to save the setting and exit to Schedule record or press the **MENU** button to exit without saving. **Schedule** is use to turn on the recording for one interval in a day, every day if the schedule is not reset back to the default of "00" value as illustrated in the above picture.

Note. Schedule Record can works simultaneously with motion detection or manual recording. Be sure to press the OK button to accept schedule and save. Schedule will not be active when the recorder is set to QUAD screen display view. When Schedule recording is active or recording other buttons will not be active.

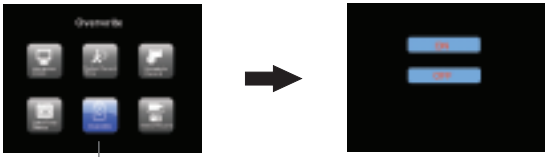
Date/Time Stamp

In the **Record Setting** highlight and press the **OK** button on **Date/Time Stamp** as shown below.

When the **Date/Time Stamp** is enabled, the system will display the date and time to real-time monitoring and the recorded video/photo files. Press the **UP** and **DOWN** button to make a selection between ON (default) or **OFF**, then press **OK** to save the setting and exit **Date/Time Stamp** or press the **MENU** button to exit without saving.

Overwrite

In the **Record Setting** highlight and press the **OK** button on **Overwrite** as shown below.



Overwrite

When the record **Overwrite** function is **ON** (default), the receiver will automatically start to overwrite when the storage media is equal to or less than 130MB of available **Free Space.** If record **Overwrite** is **OFF**, the receiver will stop recording when the storage media is full. Press the **UP** and **DOWN** button to make a selection between **ON** or **OFF**, then press **OK** to save the s etting and exit **Overwrite** or press the **MENU** button to exit without saving.

Video Record

In the **Record Setting** highlight and press the **OK** button on **Video Record** as shown below.

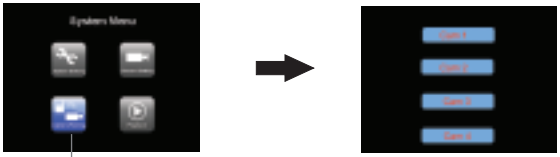
Video record

In **Video Record** press the **UP** and **DOWN** button to make a selection between **VIDEO** (default) or **PHOTO**, then press **OK** to save the setting and exit **Video Record** or press the **MENU** button to exit without saving. When **VIDEO** is selected, the recorder will record video in AVI file format under MPEG4 (86~89MB for a 10 min. file) compression. On the other hand if **PHOTO** is selected the recorder will take JPEG (27~30KB/picture) snapshot picture. Both **VIDEO** and **PHOTO** recording is suitable for motion detection recording, schedule recording, and manual recording.To Manual record make sure to change the live display view to a single camera display view and then press the **REC** button at any time to initiate manual recording.

Note: Manual recording will not be operable under QUAD screen display view, please change the live display view to Single channel view for Manual recording.

Camera Pairing

From the **Menu Setup** window, select **Camera Pairing** as illustrated below.



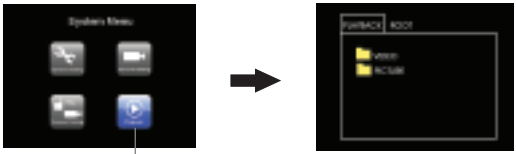
Camera Pairing

In Camera Pairing window, press the **UP** and **DOWN** button to select the desired camera to pair, and then press the **OK** button to enable pairing. When pairing is enabled, the screen will go black and the indicator message "**Please press Pair Key on Camera side**" will appear in teal color with a 30 seconds countdown. This mean there will be a 30 seconds dwell time to press the **Pair** button on the digital wireless camera in order to complete the pairing process. The **Pair** button is located at the bottom of the camera, please use the plectrum included to press the button (or a paper clip). When pairing is successfully done, the camera image will be displayed. When finished, press the MENU button to exit the menu and display images.

Note: Up to 4 digital wireless cameras (SM-60DT) can be paired a receiver. Camera Pairing will automatically override any previous camera on that channel frequency. SM-60DT digital wireless cameras are designed to comply with SM-60DR receiver, other manufacturers digital products not supported.

Playback

From the **Menu Setup** window, select **Playback** as illustrated below. After entering **Playback** menu, select between **VIDEO** folder or **PICTURE** folder options in the root directory.

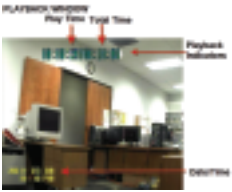


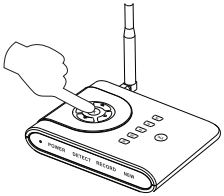
Playback

The subdirectory folder of **VIDEO** and **PICTURE** are specifically named by date, YYYYMMDD format. For example any recordings created on March 12, 2010 will be named 20100312 as illustrated below. Select the 20100312 **VIDEO** folders below and a list of individual files will display. The file is listed in a descending order with the latest recorded file(s) to wards the bottom. Each file names are uniquely distinguishable by CH-114510, for example if the event occurs on channel #2 at 11:45:10am, the file name automatically generated by the recorder would be 2-114510 along with the file size (in MB) indicator on the right side as shown below.

In the playback directory files (**VIDEO** or **PICTURE**), press the **UP** and **DOWN** button to browse through the dated files and then press the **OK** button to start playback. Select the folder icon and press **OK** button at any time to step back to the previous directory.

During playback, press the **LEFT** button to REW (rewind) at 1X, 2X, 4X and 8X the normal playback speed and press the **RIGHT** button to FF (fast forward) at 2X, 4X, 8X, 16X, 32X and 64X the normal playback speed. Press the **OK** button to pause and press the **OK** button again to resume playback. To stop and replay the file, press the **DOWN** button to stop playback and then press the **OK** button to start the replay. Press the **MENU** button at any time to exit out of the playback window and to get back to the file directory or press the **MENU** button twice to exit out of **Playback**. Please reference playback window as shown below.



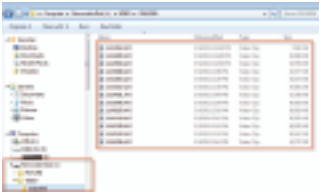


Note: Recorder cannot playback step by step or frame by frame.

Deleting file/folder: Select/highlight a file or a folder to delete and then press the **DEL** button. A display pops up with a message “Del CH-HHMMSS” will appear with **YES** or **NO** (default) delete options. Press the **RIGHT** or **LEFT** buttons to toggle selection. To delete the file select **YES** and press **OK** button to confirm deletion as illustrated below. To cancel delete, select **NO** to exit without deleting the selected file. Press the **MENU** button at any time to exit out from the **Playback** menu.

PC Playback

Since the DigiAir-SD recorder stored recorded data into an SD (Secure Digital) memory card, the card can be ejected from the recorder and plug into a media card reader on a PC to read, playback, delete file(s), and file backup (copy/paste) as shown below. Some computers come with built-in card reader and others may not but third party card reader can always be purchase for integration.



Video (AVI) files can be playback using the system default Windows Media Player and JPEG files can be viewed using the system default Windows Photo Viewer. Both video and picture files can be deleted or backup using the copy/paste technique.

Note: DigiAir-SD product does not include software. When removing the SD memory card to playback or backup on PC, please make sure that PC contains all the necessary updates and software mention above.

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